

Interstate Risk Assessment Study

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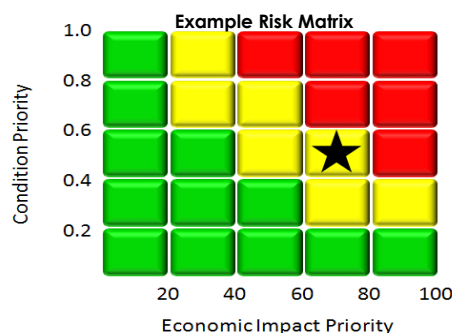
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Project Description

The Interstate Highway System (IHS) is the backbone of Georgia's transportation system. The IHS accounts for less than 5 percent of the total mileage of state routes in the state, but carries more than 25 percent of the annual traffic. Preserving the IHS is made challenging because of the growing disparity between transportation needs in Georgia and the funds available to address them. In response to this, GDOT has made significant advances in transportation asset management in which the continued goal is maximizing funding resources for the IHS.

The purpose and goal of the Georgia Interstate Risk Assessment is to develop a process for how GDOT makes decisions regarding the preservation of the Interstate system and the National Highway System (NHS) based on asset management principles. This assessment will assist GDOT in developing a preservation prioritization process that combines asset management techniques with risk management concepts.



Risk Assessment

Performance failure occurs when an asset deteriorates to the point at which significant work is required resulting in increased cost to GDOT and travel disruptions. Performance failure is a risk that would adversely affect Georgia's IHS and the state's economy. This assessment will therefore consider two areas for the risk matrix, condition priority and economic priority.



Project Schedule

- Quantify the Risk Events and validate current risk matrixSpring of 2012 – Fall of 2013
- Identify corridors and maintenance activities and determine necessary fundingSummer of 2014
- Finalize Risk Management PlanSummer of 2014 – Fall of 2014